

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	37	("20020006765" "20030024909" "4562333" "5211805" "5254833" "5543365" "5622540" "5637244" "5656186" "5776220" "5826772" "6055829" "6211488" "6252197" "6257224" "6259058" "6322958" "6420678" "6489588").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:19
S2	148116	laser\$1 with process\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 16:02
S3	5911	S2 and irradiat\$3 same object\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:33
S5	662	S3 and substrate\$1 same laminate\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:25
S6	347067	laser\$1 with light\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 16:04
S7	662	S5 andlaser\$1 with light\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 16:04
S8	568	S5 and laser\$1 with light\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 16:04
S9	28	S8 and ((light with converging) or(light-converging))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 16:06
S10	14	S9 and cut\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 16:07

S11	148273	laser\$1 with process\$3	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 10:08
S12	65021	S11 and (cut\$3 or separate)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 10:08
S14	5425	S12 and power with density	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 10:10
S15	1350	S14 and pulse with width	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 10:10
S16	681	S15 and @Ad< "20020312"	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:05
S17	97	S16 and ((modified with region\$1) or (crack\$1))	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 10:13
S20	67	S17 and (distance)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 10:14
S21	3	"3,629,545".pn.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 21:24
S22	37	("20020006765" "20030024909" "4562333" "5211805" "5254833" "5543365" "5622540" "5637244" "5656186" "5776220" "5826772" "6055829" "6211488" "6252197" "6257224" "6259058" "6322958" "6420678" "6489588").PN.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:25
S23	2	S22 and laminate	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:26
S24	948871	laser\$1	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:27

S25	166763	S24 and cut\$3	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:27
S26	37586	S25 and irradiat\$3	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:28
S27	1656	S26 and laminate same substrate	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:28
S28	1477	S27 and light	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:32
S29	30	S28 and (light-converging or light adj converg\$3)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:33
S30	8	S29 and @ad< "20020312"	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:32
S31	684	S27 and @ad< "20020312"	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:32
S32	613	S31 and light	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:34
S33	253	S31 and laser adj light	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:34
S34	3	"3,629,545".pn.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:14
S35	3	"3629545".pn.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:14
S36	964689	laser\$1	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:33
S37	295749	S36 and substrate\$1	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:34

S38	845	S37 and (light-converging or light adj converging)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:35
S39	223	S38 and irradiating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:42
S40	18	S39 and power adj density	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:42
S41	18	S40 and pulse adj width	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:43
S42	35163	S37 and irradiating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:42
S43	1866	S42 and power adj density	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:43
S44	533	S43 and pulse adj width	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:43
S45	510	S44 and light\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:44
S46	192	S45 and @ad< "20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:47
S47	27	S46 and laminate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:49
S48	10	S47 and cut\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:50
S49	3	"3629545".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:45

S50	37	("20020006765" "20030024909" "4562333" "5211805" "5254833" "5543365" "5622540" "5637244" "5656186" "5776220" "5826772" "6055829" "6211488" "6252197" "6257224" "6259058" "6322958" "6420678" "6489588").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:49
S51	7	S50 and (Power adj density)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:49
S52	2	S51 and pulse adj width	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:49
S53	967547	laser\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:57
S54	191185	S53 and irradiat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:57
S55	10031	S54 and laminate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:58
S56	130	S55 and light adj converg \$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:58
S57	31	S56 and power adj density	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:59
S58	12	S57 and pulse adj width	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:59
S59	3	"3629545".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/16 09:47
S60	3	"3629545".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/16 10:19

S61	4	"3112850".pn.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/16 10:19
S62	3208494	cut\$4	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/30 14:22
S64	34613	S62 and laser adj light\$1	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/30 14:23
S65	980843	laser	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:05
S66	980887	laser\$1	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:05
S67	652864	S65 and @Ad< "20020312"	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 21:24
S68	180863	S67 and (substrate\$1 or wafer\$)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:07
S69	29736	S68 and laminat\$3	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:07
S70	5874	S69 and laser adj light	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 21:25
S71	132	S70 and ((light adj converg\$3) or (light-converg\$4))	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:11
S72	74	S71 and cut\$3	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:11
S73	401479	irradiat\$3	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:24
S74	15509	laser adj process\$3	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:25

S75	4800	S74 and irradiat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:25
S76	1486	S75 and cut\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:25
S77	29	S76 and ((lamine same dispos\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:27
S78	340	S76 and ((lamine same dispos\$3)or (oxide adj film))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:27
S79	1160	438/460.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 21:24
S82	105997	S80 and laser adj light	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 21:25
S83	2	"5211805".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:20
S84	1163	438/460.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:43
S85	493	S84 and @Ad< "20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:43
S86	19	S85 and laser adj light	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:48
S87	11	S86 and semiconductor adj substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 16:00
S88	7	S87 and insulat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 16:02
S89	493	S84 and @Ad< "20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:56

S90	983169	laser\$1	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:57
S91	174907	S90 and cut\$3	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:57
S92	39647	S91 and irradiat\$3	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:57
S93	1792	S92 and laminate same substrate	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:57
S94	689	S93 and @ad< "20020312"	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:57
S95	64	S94 and semiconductor adj substrate	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 16:02
S96	64	S95 and cut\$3	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 16:02
S97	60	S96 and insulat\$3	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 16:02
S98	2	"20020115235".pn.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/15 17:09
S100	2	"20020115235".pn.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 06:51
S101	37	("20020006765" "20030024909" "4562333" "5211805" "5254833" "5543365" "5622540" "5637244" "5656186" "5776220" "5826772" "6055829" "6211488" "6252197" "6257224" "6259058" "6322958" "6420678" "6489588").PN.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 07:22

S102	0	S101 and (insulat\$3 adj (substrate wafer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 07:22
S103	0	S101 and (insulat\$3 same (substrate wafer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 07:22
S104	105828	(insulat\$3 adj (substrate wafer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 07:23
S105	458	(insulat\$3 adj (substrate wafer)) same (cut\$3 dic\$3 divid\$3) same laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 07:23
S106	279	S105 and @ad< "20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 07:24
S107	47394	S106 ((etch\$ grind\$3) same (chemical adj etch \$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 07:43
S108	11	S106 and ((etch\$ grind\$3) same (chemical adj etch \$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 07:44
S109	13	S106 and (refractive same index)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 08:00
S110	1	10/507321	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 08:40
S111	0	S106 and (substrate same (piezoelectric "LiTaO. sub.3"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 08:51
S112	0	S106 and ((substrate wafer) same (piezoelectric or "LiTaO.sub.3"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 08:52
S113	45785	((substrate wafer) same (piezoelectric or "LiTaO. sub.3"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 08:53
S114	25710	S113 and @ad< "20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 08:53

S115	573	S107 and S114	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 08:54
S116	49	S115 and (laser same cut \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 08:55
S117	765	257/E21.237.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/16 09:57
S118	1372	438/460.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 09:51
S119	495	S118 and @Ad< "20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 09:53
S120	19	S119 and laser adj light	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 09:54
S121	1	"10507392"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 10:08
S122	189897	laser\$1 with process\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 10:21
S123	7778	S122 and irradiat\$3 same object\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 10:21
S124	943	S123 and substrate\$1 same laminate\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 10:21
S125	10	S124 and (laser same (fracture or creak\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 11:18
S126	1	"10507392"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/03 07:23
S127	9	("2003/0024909").URPN.	USPAT	OR	ON	2009/12/03 08:24
S128	9	("2003/0024909").URPN.	USPAT	OR	ON	2009/12/03 08:24

S129	0	("7626137").URPN.	USPAT	OR	ON	2009/12/03 08:24
S130	0	("7626137").URPN.	USPAT	OR	ON	2009/12/03 08:24
S131	100	("20010029673" "20010035401" "20010046112" "20020006765" "20020096994" "20020115235" "20020158288" "20020170896" "20030010275" "20030024909" "20040002199" "20050173387" "20050181581" "20050184037" "20050189330" "20050194364" "20050202596" "20050272223" "20060011593" "20060040473" "20060121697" "20060148212" "20060160331" "20060255024" "20070125757" "20070158314" "20080090382" "3448510" "3610871" "3626141" "3629545" "3790051" "3790744" "3824678" "3970819" "4242152" "4306351" "4475027" "4531060" "4562333" "4650619" "4682003" "4769310" "4814575" "4899126" "4914815" "4981525" "5211805" "5230184" "5251003" "5254149" "5254833" "5304357" "5382770" "5543365" "5580473" "5609284" "5622540" "5637244" "5641416" "5656186" "5776220" "5786560" "5795795" "5814532" "5820953" "5826772" "5841543" "5925271" "5968382" "5976392" "6031201" "6055829" "6121118" "6127005" "6156030" "6175096" "6181728" "6187088" "6211488" "6252197"	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/03 08:25

		"6257224" "6259058" "6285002" "6322958" "6325855" "6376797" "6407363" "6420678" "6489588" "6566683" "6653210" "6744009" "6770544" "6908784" "6992026" "7396742" "7547613" "7566635"). PN.				
S132	5463	(laser with (crack or fracture (micro near3 crack) or (micro near3 fracture)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/04 04:28
S133	663	(laser with (crack or fracture (micro near3 crack) or (micro near3 fracture))) same (front or back or rear or top or bottom)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/04 04:30
S134	453	(Cut\$3 divid\$3 engrav\$3 scratch\$3) and S133	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/04 04:31
S135	156	S134 and @Ad< "20030312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/04 04:31
S136	2	"6420678".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/05 05:39
S137	924	257/E21.237.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/05 06:33
S138	1453	438/460.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/05 06:34
S139	2289	S137 or S138	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/05 06:34
S140	663	(laser with (crack or fracture (micro near3 crack) or (micro near3 fracture))) same (front or back or rear or top or bottom)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/05 06:36
S141	453	(Cut\$3 divid\$3 engrav\$3 scratch\$3) and S140	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/05 06:36

S142	20	S139 and S141	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/05 06:36
S144	3	"4306351".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/05 06:43
S145	0	"202108045".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/05 06:47
S146	2	"2002108045".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/05 06:47
S147	29	((FUMITSUGU) near2 (FUKUYO)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/05 06:51
S148	36	((KENSHI) near2 (FUKUMITSU)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/05 07:02
S149	8	("5795795" "6187088" "6407363" "6744009"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/05 07:06
S150	2	"6951799".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/05 07:09
S151	5	"2007012757".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/05 07:11
S152	2	"6992026".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/16 14:50
S153	2	"7615721".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/16 15:15
S154	665	(laser with (crack or fracture (micro near3 crack) or (micro near3 fracture))) same (front or back or rear or top or bottom)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/17 17:39
S155	113	(Cut\$3 divid\$3 engrav\$3 scratch\$3) and S154 and @ad< "20020101"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/17 17:39

S156	2	"6420678".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/18 14:45
S157	2	"6420678".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/19 13:33
S158	998	(laminate near5 (glass adj substrate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/19 14:49
S159	93	(laminate near5 (glass adj substrate)) same laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/19 14:49
S160	24	S159 and @ad< "20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/19 14:50
S161	585	(glass adj substrate) near polymer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/19 15:06

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